

Work Order ID 139437

139437

Monday, November 30, 2015 11:43:48 AM

Page 1

Item ID: D350-616-015

Accept

N1900040100

Setup Start

NS1

Revision ID:

Item Name: Deck Plate

Stop

NS2

Start Date: 11/18/2015 Start Qty: 4.00

4

Cust Item ID:

Required Date: 11/30/2015 Req'd Qty: 4.00

4

Customer:

Reference:

Approvals: Process Plan: MCS Date: DEC 01 2015

Tooling:

Date:

Run Start

NR1

QC: _____ Date: _____

SPC (Y/N): _____

Date: _____

Stop

NR2

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr
D350-616	G

100 Document Control

0.00

DAS
8
9-89

100

DC

Memo

0.00

Doc.Control -USB or Paperwork

Photocopy bluefile and create labels per PPP D350-616-015
ZHG004

4

DAS
27
9-89

FEB 04 2016

110 Pick Kit

0.00

110

Packaging

Memo

0.00

Packaging

4

DAS
6
9-89

DEC 23 2015

DAS
28
9-89

120 QC4- 100% Inspect kits for completeness

0.00

120

QC

Memo

0.00

Quality Control

4

DAS
27
9-89

FEB 04 2016

MCS 15-12-07 4

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					

Root Cause				FAULT CATEGORY			
Environment ☐	☐	No Re-verification ☐		☐	Pressure/Forced	☐	Temperature/Cure
Design ☐	☐	Operator ☐		☐	Bending	☐	Set-up
Doc/Data ☐	☐	Offset/Setup ☐		☐	Centre Not Concentric	☐	BOM/Route
Equip/Tooling ☐	☐	Supplier ☐		☐	Cracks	☐	Broken/Damage/Defect
Handling/Pre ☐	☐	Training ☐		☐	Crimp/Kink/Ripple/Wave	☐	Inspection Incomplete/Unqualified
Material ☐	☐	Use for Testing ☐		☐	Cuffs	☐	Contamination
Internal Transport ☐	☐	Poor Information ☐		☐	Crushing	☐	Countersink
Tribal Knowledge ☐	☐	Rushing ☐		☐	Heat Treat	☐	Cut Too Short
LOA ☐	☐	Product Improvement ☐		☐	Wave/Twist in Tube	☐	Instructions Incomplete/Unclear
Substation ☐	☐	Process Improvement ☐		☐	Marks/Chatter	☐	Drill Holes
Past Expiry Date ☐	☐	Manufacturing Process ☐		OTHER : _____			
Misidentified ☐	☐	Past Due ☐					

139437

Page 2

N900040100

Setup Start *NS1*

Stop *NS2*

Start Date: 11/18/2015 **Start Qty:** 4.00 ***4***

Cust Item ID:

Required Date: 11/30/2015 **Req'd Qty:** 4.00 ***4***

Customer:

Reference:

Approvals: **Process Plan:** _____ **Date:** _____ **Tooling:** _____ **Date:** _____
QC: _____ **Date:** _____ **SPC (Y/N):** _____ **Date:** _____

Run Start *NR1*

Stop *NR2*

[illegible]

130

0.00

130

Packaging

Memo

0.00

Identify and pack for shipping as per PPP D350-616-015

Location: ~~ECG~~

140

QC21- Final Inspection - Work Order Release

0.00

140

QC

Memo

0.01

Quality Control

4 DAS
27
9-89
FEB 04 2016

ML5 FEB 04 2016

145 FEB 04 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
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Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐							
		OTHER : ☐							

Picklist Print

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Page 1

Work Order ID: 139437

139437

Parent Item: D350-616-015

D350-616-015

Parent Item Name: Deck Plate

Start Date: 11/18/2015

Required Date: 11/30/2015

Start Qty: 4.00

Required Qty: 4.00

Comments: IPP Rev:C Removed Manufacturing 05-12-05 JLM
 IPP Rev:D Add D3494-1 05-12-05 JLM
 IPP rev E added parts per NCR 08-041 08.04.30 EC verified by: DD
 IPP Rev:F 08-12-10 rev.E as per dwg DD verified by:ec IPP REV:G
 13.04.03 PER IIN REV.F DD VERF:JLM IPP REV:H 13.05.21
 AS PER DWG REV.G DD VERF:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D2344 *D2344* Deck Plate Aft		Manufactured	No			110	Each	9.0000	1	4		DAS 6 9-89	DAS 28 9-89
				<u>Location</u>				<u>Loc Qty</u>					
				ST225A				9					
				133110				1					
				<u>134321</u>				4					
				136128				4					
D2348 *D2348* Wearplate (Key Way)		Manufactured	No			110	Each	29.0000	4	16		DAS 6 9-89	DAS 28 9-89
				<u>Location</u>				<u>Loc Qty</u>					
				ST0006				28					
				136127				28					
				ST012a				1					
				133108				1					
D2353 *D2353* Stiffener		Manufactured	No			110	Each	9.0000	1	4		DAS 6 9-89	DAS 28 9-89
				<u>Location</u>				<u>Loc Qty</u>					
				ST224B				9					
				120290				9					

DEC 23 2015

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

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Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
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Root Cause				FAULT CATEGORY			
Environment ☐	Design ☐	Doc/Data ☐	Equip/Tooling ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐
Handling/Pre ☐	Material ☐	Internal Transport ☐	Tribal Knowledge ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐
LOA ☐	Substation ☐	Past Expiry Date ☐	Misidentified ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐
				Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐
				Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐
				Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐
				Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐
				Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐
				Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐
				Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐
				OTHER : _____			

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Work Order ID: 139437

Parent Item: D350-616-015

Parent Item Name: Deck Plate

139437

D350-616-015

Start Date: 11/18/2015

Required Date: 11/30/2015

Start Qty: 4.00

Required Qty: 4.00

D2364

Manufactured No

110

Each

12.0000

1

4

D2364

Deck Plate Fwd

DAS
6
9-89

DAS
28
9-89

DAS
27
9-89

X4

Location

Loc Qty

Loc Code

ST225A

12

136102

8

136103

4

D2365

Manufactured No

110

Each

8.0000

2

8

D2365

Wearplate Pip Pin

DAS
27
9-89

X4

Location

Loc Qty

Loc Code

ST006

8

135341

8

D2369-1

Manufactured No

110

Each

13.0000

1

4

D2369-1

Locator Plate

DAS
27
9-89

X4

Location

Loc Qty

Loc Code

st225b

13

136141

4

137136

9

D2369-3

Manufactured No

110

Each

5.0000

1

4

D2369-3

Locator Plate

DAS
27
9-89

X4

Location

Loc Qty

Loc Code

st225b

5

136283

5

DAS
6
9-89

DAS
28
9-89

DAS
6
9-89

DEC 23 2015

DAS
28
9-89

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DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

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Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
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Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐							
OTHER : ☐									

Picklist Print

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Work Order ID: 139437

Parent Item: D350-616-015

Parent Item Name: Deck Plate

139437

D350-616-015

Start Date: 11/18/2015

Required Date: 11/30/2015

Start Qty: 4.00

Required Qty: 4.00

D4778-1

Manufactured No

Each

14.0000

D4778-1

Stub Cover

**

4

DAS

6

9-89

DAS

28

9-89

Location

Loc Qty

Loc Code

ST224B

14

117485

1

128975

1

132781

2

136726

10

Each

7.0000

**

4

DAS

6

9-89

Location

Loc Qty

Loc Code

ST125

7

134977

1

136736

6

Each

4.0000

**

4

DAS

6

9-89

Location

Loc Qty

Loc Code

ST125

4

134926

1

136559

3

Each

143.0000

**

100

DAS

6

9-89

DAS

28

9-89

Location

Loc Qty

Loc Code

GA

119

m130922

119

ST312

24

m125807

24

D4779-041

Manufactured No

D4779-041

Aft Cover Mounting Bracket Assembly

**

4

DAS

6

9-89

Location

Loc Qty

Loc Code

ST125

7

134977

1

136736

6

Each

4.0000

**

4

DAS

6

9-89

Location

Loc Qty

Loc Code

ST125

4

134926

1

136559

3

Each

143.0000

**

100

DAS

6

9-89

DAS

28

9-89

Location

Loc Qty

Loc Code

GA

119

m130922

119

ST312

24

m125807

24

MS20426AD4-5

Purchased No

MS20426AD4-5

RIVET

**

100

DEC 23 2015

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Page 3

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By _____ Lead hand / Supervisor Approval Verification _____ QC / QA Coordinator Approval _____		
Description Work Order Deviation				Disposition					
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐							
		OTHER : ☐							

Picklist Print

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Page 4

Work Order ID: 139437

139437

Parent Item: D350-616-015

D350-616-015

Parent Item Name: Deck Plate

Start Date: 11/18/2015

Required Date: 11/30/2015

Start Qty: 4.00

Required Qty: 4.00

MS20426AD4-6

Purchased

No

110

Each

2,071.000

25 100

MS20426AD4-6

Rivet

**

Location

Loc Qty

Loc Code

GA

1594

M128812

16

M133234

1578

ST311

477

124392

252

M128812

69

M132536

156

DAS
27
9-89

XY

DAS
6
9-89

DAS
28
9-89

100

MS20426AD5-7

Purchased

No

110

Each

70.0000

6 24

MS20426AD5-7

RIVET

**

Location

Loc Qty

Loc Code

ST311

70

101340 0

8

M132767

62

DAS
27
9-89

XY

DAS
6
9-89

DAS
28
9-89

24

MS20426AD5-8

Purchased

No

110

Each

239.0000

6 24

MS20426AD5-8

RIVET

**

Location

Loc Qty

Loc Code

ST311

239

4533

239

DAS
27
9-89

XY

DAS
6
9-89

DEC 23 2015

DAS
28
9-89

24

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

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Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
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Description Work Order Deviation				Disposition					

Root Cause				FAULT CATEGORY			
Environment	☐	No Re-verification	☐	Pressure/Forced	☐	Temperature/Cure	☐
Design	☐	Operator	☐	Bending	☐	Set-up	☐
Doc/Data	☐	Offset/Setup	☐	Centre Not Concentric	☐	BOM/Route	☐
Equip/Tooling	☐	Supplier	☐	Cracks	☐	Broken/Damage/Defect	☐
Handling/Pre	☐	Training	☐	Crimp/Kink/Ripple/Wave	☐	Inspection Incomplete/Unqualified	☐
Material	☐	Use for Testing	☐	Cuffs	☐	Contamination	☐
Internal Transport	☐	Poor Information	☐	Crushing	☐	Countersink	☐
Tribal Knowledge	☐	Rushing	☐	Heat Treat	☐	Cut Too Short	☐
LOA	☐	Product Improvement	☐	Wave/Twist in Tube	☐	Instructions Incomplete/Unclear	☐
Substation	☐	Process Improvement	☐	Marks/Chatter	☐	Drill Holes	☐
Past Expiry Date	☐	Manufacturing Process	☐	OTHER :			
Misidentified	☐	Past Due	☐				

Picklist Print

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Work Order ID: 139437

Parent Item: D350-616-015

Parent Item Name: Deck Plate

139437

D350-616-015

Start Date: 11/18/2015

Required Date: 11/30/2015

Start Qty: 4.00

Required Qty: 4.00

MS20601-AD4W2

Purchased

No

110

Each

104.0000

15 60

MS20601-AD4W2

Rivet

**

DAS
6

9-89

DAS
28
9-89

Location

Loc Qty

Loc Code

ST308

95

121255

1

m131467

9

m132283

13

m133577

72

WA003

9

m126975

9

DAS
27
9-89

X4

MS20601-AD4W3

Purchased

No

110

Each

147.0000

30 120

MS20601-AD4W3

Rivet

**

DAS
6

9-89

DAS
28
9-89

Location

Loc Qty

Loc Code

LG001

98

m132551

98

ST308

49

114538

6

m132699

43

MS21042L3

Purchased

No

110

Each

350.0000

6 24

MS21042L3

Nut

**

DAS
6
9-89

DEC 23 2015

DAS
28
9-89

Location

Loc Qty

Loc Code

FP001

95

M130922

95

GA

84

M131317

84

ST304

171

M130922

171

DAS
27
9-89

X6

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Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval				
Description Work Order Deviation				Disposition							
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐		☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due		FAULT CATEGORY ☐ Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter		☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes		☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center		☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence	
				OTHER :							

Picklist Print

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Work Order ID: 139437

Parent Item: D350-616-015

Parent Item Name: Deck Plate

139437

D350-616-015

Start Date: 11/18/2015

Required Date: 11/30/2015

Start Qty: 4.00

Required Qty: 4.00

MS24693-C273

Purchased

No

110

Each

69.0000

6

24

MS24693-C273

SCREW

DAS

6

9-89

DAS

28

9-89

DAS

27

9-89

Location

Loc Qty

Loc Code

ST287

69

m132262

19

m133031

50

MS24693-C48

Purchased

No

110

Each

84.0000

22

88

MS24693-C48

SCREW

DAS

6

9-89

DAS

27

9-89

Location

Loc Qty

Loc Code

ST287

84

m133031

84

MS35207-263

Purchased

No

Each

113.0000

8

32

MS35207-263

Screw

DAS

6

9-89

DEC 23 2015

DAS

27

9-89

Location

Loc Qty

Loc Code

ST276

113

104746

25

m133031

88

DAS

28

9-89

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐	OTHER :							
Misidentified ☐	Past Due ☐								

Picklist Print

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Page 7

Work Order ID: 139437

139437

Parent Item: D350-616-015

D350-616-015

Parent Item Name: Deck Plate

Start Date: 11/18/2015

Required Date: 11/30/2015

Start Qty: 4.00

Required Qty: 4.00

NAS1149D0363J

Purchased

No

110

Each

670.0000

14

56

NAS1149D0363J

Washer

**

DEC 23 2015

DAS

6

9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

GA

141

m130799

141

ST263

500

m133709

500

ST269

29

m126319

7

m128429

2

m131618

1

m132317

10

m132677

9

56

DAS

28

9-89

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					

Root Cause				FAULT CATEGORY			
Environment	☐	No Re-verification	☐	Pressure/Forced	☐	Temperature/Cure	☐
Design	☐	Operator	☐	Bending	☐	Set-up	☐
Doc/Data	☐	Offset/Setup	☐	Centre Not Concentric	☐	BOM/Route	☐
Equip/Tooling	☐	Supplier	☐	Cracks	☐	Broken/Damage/Defect	☐
Handling/Pre	☐	Training	☐	Crimp/Kink/Ripple/Wave	☐	Inspection Incomplete/Unqualified	☐
Material	☐	Use for Testing	☐	Cuffs	☐	Contamination	☐
Internal Transport	☐	Poor Information	☐	Crushing	☐	Countersink	☐
Tribal Knowledge	☐	Rushing	☐	Heat Treat	☐	Cut Too Short	☐
LOA	☐	Product Improvement	☐	Wave/Twist in Tube	☐	Instructions Incomplete/Unclear	☐
Substation	☐	Process Improvement	☐	Marks/Chatter	☐	Drill Holes	☐
Past Expiry Date	☐	Manufacturing Process	☐	OTHER :			
Misidentified	☐	Past Due	☐				

REFERENCE ONLY

QTY - 011	QTY - 013	QTY - 015	Part Number	Description
X			D350-816-011	Emergency Litter Kit
1	X		D350-816-013	Deck Plate and Tie Down Kit
	1	X	D350-816-015	Deck Plate Kit
		1	D2344	DECK PLATE (AFT)
		4	D2348	WEAR PLATE (KEY WAY)
		1	D2363	STIFFENER
	1		D2360	LITTER TIE DOWN (LOCKING)
		1	D2364	DECK PLATE (FWD)
		2	D2365	WEAR PLATE (PIP PIN)
		1	D2369-1	LOCATOR PLATE
		1	D2369-3	LOCATOR PLATE
1			D2370-1	LITTER ASSEMBLY
1			D4812-041	PATIENT STOP ASSY (REPLACES D2493)
	1		D3179-041	LITTER TIE DOWN (NON-LOCKING)
		1	D4778-1	STUB COVER (REPLACES D3494-1)
		1	D4779-041	AFT COVER MOUNTING BRACKET ASSY
		1	D4780-041	FWD COVER MOUNTING BRACKET ASSY
		25	MS20426AD4-5	RIVET
		25	MS20426AD4-6	RIVET
		6	MS20426AD5-7	RIVET
		6	MS20426AD5-8	RIVET
		15	MS20601AD4V2	BLIND RIVET (or CR9162-4-2)
		30	MS20601AD4V3	BLIND RIVET (or CR9162-4-3)
		6	MS21042L3	NUT (or MS21042-3)
		6	MS24693-C273	SCREW (or MS24693-273)
		22	MS24693-C48	SCREW (or MS24693-48)
		8	MS35207-263	SCREW
		14	NAS1149D0363	WASHER (or AN960JD10)

G

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-0-01

APPROVED
BY: *[Signature]*
D. SHEPHERD (DE # C2)

DATE: 13.04.01
CERT. NO.: SH98-10
ISSUE NO.: 3

G	D4812-041 PATIENT STOP ASSY WAS D2493 (SH1). UPDATE WEIGHT AND BALANCE TABLE (SH2). NEW PART/ FIGURE (SH7). REVISE FIGURE (SH 8). ADD OPTION APPLICABILITY NOTE (SH11)	DB	13.04.01
F	REPLACE MMS-D350-816 REF. WITH ICA-D350-816 INCORPORATE DSI 8615	DC	13.03.01
E	MAKE DSI 9310 STANDARD. D3179-041 REPLACES D2350	RF	08.11.97
D	ADD D3494-1 STUB COVER	MB	08.01.98
C	ADD DSI 9112/9117/9130/9236/9310	MB	08.01.98
B	ADD VIEW OF D2493 TO SHEET 9	EW	98.01.98
A	NEW ISSUE	EW	98.02.98
REV.	DESCRIPTION	BY	DATE
DESIGN	DB	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	DB		
CHECKED	AP	DRAWING NO.	REV. G
MFG. APPR.	NAD	D350-816	SHEET 1 OF 13
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	AS 350/355 LITTER KIT INSTALLATION	NTS
DATE	13.04.01	COPYRIGHT © 1995 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OF COPIED OR DOWN LOADED FOR ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	